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WOODCOCK WASHBURN LLP 46th Floor One Liberty Place Philadelphia, PA 19103

4a. The following fee(s) are enclosed:

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5. Change in Entity Status (from status indicated below)
 □ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

/Erin E. Pacella/

Erin E. Pacella

■ Issue Fee

■ Publication Fee

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Certificate of Mailing or Transmission

APPLICATION NO. 10/622,749 TILE OF INVENTION: SYSTEMS A		FILING DATE 07/18/2003 AND METHODS FOR UPDATING A		FIRST NAMED INV Donald David Ka A FRAME BUFFER BASED C		rlov	ATTORNEY DOCKET NO. MSFT-1786/303768.1 GRAPHICS CALLS		CONFIRMATION NO 3141
APPLN. TYPE nonprovisional			ISSUE FEE \$1,400	PREV. PAID ISSUE FEI \$0		PUBLICATION FEE \$300		TOTAL FEE(S) DUE \$1,700	DUE DATE 12/06/2006
				ART UNIT 2628	CLAS	S-SUBCLASS]		
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363) Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" Indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.					2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 1 Woodcock Washburn LLP				
3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type). PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11 Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY & STATE OR COUNTRY)									
MICROSOFT CORPORATION Please check the appropriate assignee category indicated below (will not be printed on the patent)					REDMOND, WASHINGTON ☐ individual ☐ corporation or other private group entity ☐ Government				

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

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Date

Registration No.

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☐ A check in the amount of the fee(s) is enclosed. Please charge any deficiency to Deposit Account No. 23-3050

□ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

56,239

November 1, 2006

The Commissioner is hereby authorized to charge any deficiency or credit any overpayment of the fees associated with

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office. U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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